

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Art Unit : 1651 Customer No.: 035811  
Examiner : Jon P. Weber  
Serial No. :  
Filed : Herewith  
Inventor(s) : Denis Barritault Docket No.: 1003-DIV-01  
              : Jean-Pierre Caruelle  
Title : BIOCOMPATIBLE POLYMERS, PROCESS Confirmation No.:  
          : FOR THEIR PREPARATION AND  
          : COMPOSITIONS CONTAINING THEM

Dated: October 28, 2003

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

We submit herewith the usual Form PTO-1449 together with copies of publications listed therein. A copy of an International Search Report is enclosed. They are submitted to comply with the Applicants' duty of disclosure under 37 C.F.R. §1.56 and are believed related to this application.

We are submitting this in the spirit of voluntary disclosure and look forward with interest to the Examiner's action at an early date on the merits of the case.

It is accordingly requested that the Information Disclosure Statement be officially entered in the file of this case and that appropriate notification be made that it was considered in the prosecution of the case.

Respectfully submitted,

  
T. Daniel Christenbury  
Reg. No. 31,750  
Attorney for Applicants

TDC:lh  
(215) 656-3381

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
1003-DIV-01

SERIAL NO.

APPLICANT: Denis Barritault et al.

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

FILING DATE: Herewith

GROUP: 1651

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,762,924	10/02/73	Eiji Morii et al.			
	AB	4,931,553	06/05/90	Devinder S. Gill et al.			
	AC	4,935,338	06/19/90	Kosaka Masuda et al.			
	AD	5,314,881	05/24/94	Nunzio Rapisarda			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	FR 894.508	12/27/44	France				x
	AM	DD 25 156	03/12/59	Germany				x
	AN	DE 1 152 396	08/08/63	Germany				x
	AO	DD 62 514	04/19/67	Germany			Abstract only	
	AP	DE 1 572 267	01/07/71	Germany			Abstract only	

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

AR	K.W. Walton et al., <u>The Histochemical Basis of Metachromasia</u> (1954) Brit. J. Exptl. Pathol., 227-40, (in CAPLUS, AN 1954:78020)
	C.H. Rückardt et al., <u>Pathological and Anatomical Findings After Administration of Dextran Sulfate and Carboxymethyl Dextran Sulfates in Experimental Animals</u> (1963) Acta Biol. Med. Ger., 10, 126-46
AS	F. Gensicke et al., <u>Microdistribution of Radio Sulfur in Rabbits After Intravenous Injection of 35S-Labeled Dextran and Carboxymethyl Dextran Sulfates</u> (1965) Acta Biol. Med. Ger., 14(3-4), 409-16
	Susumu Sasaki, <u>Production of Lymphocytosis by Polysaccharide Polysulphates (Heparinoids)</u> (1967) Nature, Vol. 214, pp. 1041-1042
AT	G. Baggi et al., <u>Influence of Chondroitin Sulfate on the Process of Cicatrization of Experimentally Produced Cutaneous Injuries</u> (1970) Minerva Chirurgica, 25(3), 181-184 (in MEDLINE, AN 71128533)
	Bruce Alberts et al., <u>Molecular Biology of the Cell</u> (1983) Garland Publishing, Inc., New York, page 703

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to Applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
1003-DIV-01

SERIAL NO.

APPLICANT: Denis Barritault et al.

**LIST OF PRIOR ART CITED BY APPLICANT**

FILING DATE: Herewith

GROUP: 1651

(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	EP 0 066 283	12/08/82	Europe			x	
	AM	JP 2 -231075	09/13/90	Japan			Abstract only	
	AN	EP 0 450 398	10/09/91	Europe			x	
	AO	EP 0 557 887	09/01/93	Europe			x	
	AP	JP 5-313295	11/26/93	Japan			Abstract only	

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AR	Didier Letourneur et al., <u>In Vitro Stimulation of Human Endothelial Cells by Derivatized Dextrans</u> (1993) In Vitro Cell. Dev. Biol.:Anim., 29A(1), 67-72
		Didier Letourneur et al., <u>Antiproliferative Capacity of Synthetic Dextrans on Smooth Muscle Cell Growth: The Model of Derivatized Dextrans as Heparin-like Polymers</u> (1993) J. Biomater. Sci., Polym. Ed., 4(5), 431-44
	AS	Marie-Agnès Leboucher-Durand et al., <u>Poly(<math>\beta</math>-malic acid) Derivatives with Unsaturated Lateral Groups: Epoxidation as Model Reaction of the Double Bonds Reactivity</u> (1996) Reactive & Functional Polymers, Vol. 31, No. 1, 57-65
		O. Maiga-Revel et al., <u>New Investigations on Heparin-like Derivatized Dextrans: CMDBS, Synergistic Role of Benzylamide and Sulfate Substituents in Anticoagulant Activity</u> (1997) Carbohydrate Polymers, Vol. 32, No. 2, 89-93
	AT	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.